

## REMARKS

Claims 10 and 12-15 are cancelled, claims 18-25 are added, and claims 1, 8, 9, and 16 are amended. Claims 1-9, 11, and 16-25 are pending in the present application.

Reconsideration and allowance are respectfully requested in view of the following remarks.

### **Claim Rejection Under 35 U.S.C. § 112**

Claims 1, 5, and 10 were rejected under 35 U.S.C. §112, first paragraph, as allegedly failing to comply with the written description requirement. This rejection is respectfully traversed.

An exemplary embodiment of the disclosure provides an amplifier unit including a first amplifier 110a and a second amplifier 110b, each of which includes a source (e.g. lowest terminal in Fig. 1), drain (e.g. highest terminal in Fig. 1), and gate (e.g. middle terminal in Fig. 1). In the exemplary amplifier unit, the gate of the first amplifier 110a and the gate of the second amplifier 110b are connected to a common gate connection (e.g. the nodes connected to DC feed 120). The drain of the first amplifier 110a and the drain of the second amplifier 110b are connected to a common drain connection (e.g. the nodes connected to DC feed 130). The drain of the first amplifier 110a is connected to the gate of the second amplifier 110b. See, for example, paragraph 11 of the specification, which provides that exemplary embodiments can include a DC feed 130 that provides a bias on the drain of transistors 110a, 110b, and 110c.

Claim 1 recites that the drain of the first amplifier is connected to the gate of the second amplifier, and broadly encompasses features of the above discussed embodiments. Claim 5 recites that the drain of the second amplifier is connected to the gate of the third amplifier, and also broadly encompasses features of the above disclosed embodiments. Accordingly, the original disclosure reasonably conveys to one skilled in the relevant art that the inventor, at the time the application was filed, had possession of the claimed invention. Withdrawal of the written description requirement rejection is respectfully requested.

**Claim Rejections Under Cited Art**

Claims 8, 9 and 12-15 were rejected under 35 U.S.C. §102(e) as allegedly being anticipated by Turlington et al. (U.S. Patent No. 5,940,031 A1, hereinafter "Turlington"). Claims 1-5 and 7 are rejected under 35 U.S.C. §103(a) as allegedly being unpatentable over Turlington in view of Khorram (U.S. Patent No. 7,088,969 B2, hereinafter "Khorram"). Claims 16 and 17 are rejected under 35 U.S.C. §103(a) as allegedly being unpatentable over Turlington and Khorram and further in view of Saxler (U.S. Patent No. 7,030,428 B2, hereinafter "Saxler"). These rejections are respectfully traversed.

Claim 10 was not rejected on the basis of prior art. Features related to claim 10 are included in independent claims 1, 8, 18, and 22. For example, claim 1 recites that the drain of the first amplifier is connected to the gate of the second amplifier. Turlington, Khorram, and Saxler, whether considered alone or in the combination alleged by the Examiner, do not disclose at least this feature. Accordingly, claim 1 is allowable. Claims 8, 18, and 22 are allowable for at least similar reasons. For

example, claims 8, 18, and 22 each include features similar to those of cancelled claim 10. Dependent claims 2-7, 9, 11, 16, 17, 19-21, and 23-25 are allowable by virtue of their dependency from allowable claims 1, 8, 18, and 22 and on their own merits.

**Conclusion**

From the foregoing, further and favorable action in the form of a Notice of Allowance is respectfully requested.

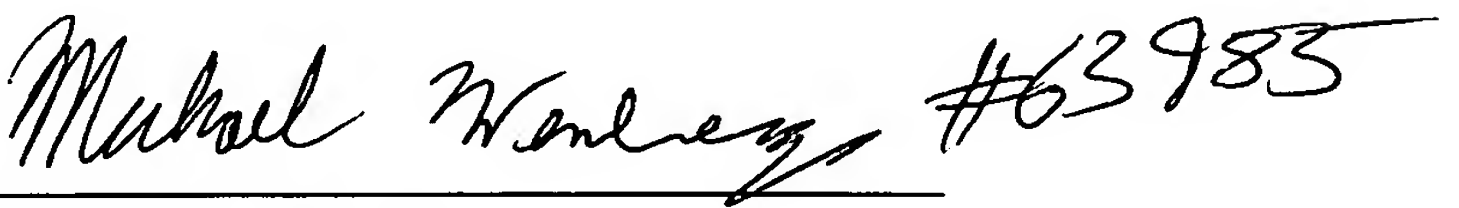
In the event that there are any questions concerning this amendment, or the application in general, the Examiner is respectfully requested to telephone the undersigned so that prosecution of present application may be expedited.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

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By:

  
for Patrick C. Keane  
Registration No. 32858

**Customer No. 21839**  
703 836 6620